9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LIN28 Human, TAT

LIN28-TAT Human Recombinant
RCP1245

Product Overview

Name	LIN28 Human, TAT
Description	
LIN28-TAT Human Recombinant	
Accession (Primary)	Q9H9Z2
Synonyms	
CSDD1, FLJ12457, LIN-28, LIN28A, Protein lin-28 homolog A, ZCCHC1, Zinc finger CCHC domain-containing protein 1, Lin-28A, LIN28.	
Introduction	
LIN28 is a marker of undifferentiated human embryonic stem cells and it increases the productivity of the formation of induced pluripotent stem cells from human fibroblasts. LIN28 acts as a 'translational enhancer and therefore leading specific mRNAs to polysomes and causes an increased protein synthesis. LIN28 binds let-7 pre-miRNA and blocks production of the mature let-7 microRNA in mouse embryonic stem cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The LIN28 protein solution was formulated in PBS with 50mM arginine	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE (coomassie staining).	
Amino acid sequence	
GPSVSNQQFA GGCAKAAEEA PEEAPEDAAR AADEPQLLHG AGICKWFNVR MGFGFLSMTA RAGVALDPPV DVFVHQSKLH MEGFRSLKEG EAVEFTFKKS AKGLESIRVT GPGGVFCIGS ERRPKGKSMQ KRRSKGDRCY NCGGLDHHAK ECKLPPQPKK CHFCQSISHM VASCPLKAQQ GPSAQGKPTY FREEEEEIHS PTLLPEAQNG GYGRKKRRQR RR.	

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Precautions

LIN28 Human, TAT is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H9Z2)